

This is the monthly newsletter of the LANL Engineering Standards Program. The Standards are mandatory documents that apply to all personnel performing engineering and construction services for LANL, both programmatic and facility -- including new equipment and facilities and maintenance and modification of existing. [[LIR 220-03-01](#)]

Topics this month:

- **Drafts for Labwide Review**
- **Standards and Drafting Courses Offered December 15**
- **POCs and Alternates**
- **Standards Issued in October**

The Standards Homepage: <http://engstandards.lanl.gov/>

DRAFTS FOR LABWIDE REVIEW

Eng Standards Manual Chapter 1 Section Z10, General Requirements for all Disciplines, is being revised. A draft is available on the homepage above via the bold [Drafts in Review](#) link near the lower right. Comments are due Wed, Nov 16.

Summary of Changes

Added design goals. Added drawing CM category and baseline deliverables tables (to App B) formerly in CM LIR. Added shed requirements. Added tech baseline document listing guidance in App A. Added 15-30-60-90/100 requirements (App C). Added App D, FDD Requirements. Add life cycle costing guidance. Relocated interpretation and variance section and attached forms from Ch 1 Section 100.

STANDARDS AND DRAFTING COURSES OFFERED DECEMBER 15

Join the hundreds of LANL and contractor personnel who know all about standards, specs, and drafting!

[Introduction to LANL Engineering Standards](#) Course 24140, taught 8am - 12 noon by Tobin Oruch

Provides familiarity with national and LANL engineering standards for anyone performing, reviewing, or managing design activities.

http://eshtraining.lanl.gov/pls/gencouraxs/Cour_By_Number?CourseNumber=24140

[LANL Drafting Manual: Engineering Symbols, Prints, and Drawings](#) Course 25103, taught 1-5 pm by Richard Trout

Provides basic standard format information for both graphic and textual information concerning design drawing requirements.

http://eshtraining.lanl.gov/pls/gencouraxs/Cour_By_Number?CourseNumber=25103

Reserve through PS-13 using links above or call 7-0059 or e-mail esh-registration@lanl.gov.

POCS AND ALTERNATES

Alternate POCs have now been identified for the majority of the Standards chapters to help users get help more quickly when the primary POC is unreachable. A complete listing of the POCs, Alternate POCs, and supporting Technical Committees is available on the Standards homepage via the bold [POCs & Committee Members](#) link near the lower left.

STANDARDS ISSUED IN OCT <http://engstandards.lanl.gov/>

The following LANL Engineering Standards were issued in October:

LANL Construction Specifications http://engstandards.lanl.gov/New_Home.html#spec

Spec 02538, R6- Sanitary Sewer Systems

Revised 1.2C

Spec 02551, R7- Natural Gas Distribution

Revised 2.2B and C cell classification number, 2.9A deleted "No Substitution" and corrected typo, 2.9B added ASME code and "designation", 2.10B and 2.11B added last sentence. Added 1.5.A.1.a

Spec 07212, R1 - Board Insulation

Deleted references to fire rated metal decks (included in other spec section). Added MSDS submittal requirement for adhesives. Added LEED submittal requirement for recycled content. Added Factory Mutual Class I requirement.

Spec 15075, R8 Mechanical Identification

Revised 2.8, deleted requirement for temporary labeling by the contractor, added 2.8B, and revised 2.8C.

Spec: 15121, R4 Steam and Condensate Specialties

Revised Sections 2.5 & 2.6

Spec 15140, R6 - Potable and [Non-Potable] Water Piping

Revised Sections 2.13 & 2.17

Spec 15180, R4 - Hydronic Piping

Revised Sections 2.14, 2.15, 2.17 & 2.19 note to designer

Spec 15211, R6 Compressed Air System

Editorial and revised Sections 1.3B, 2.4B, 2.16, added NOTE within stars on page 1, and revised information within stars in Section 2.12.

Spec: 15810, R3 Ducts

Editorial & revised 2.4.B.4, 2.5.B.4, 3.3 and 3.4A emergency generator exhaust material.

To request a change to this newsletter's distribution contact Tobin Oruch, oruch@lanl.gov.

Previous issues of this Update are available via the "Monthly Update" link near the right of the Standards homepage <http://engstandards.lanl.gov/>

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